CLAIMS

1. A method of preparing a body side mounting wafer for attachment to a person and an ostomy bag, the method comprising:

- providing a first part having a first surface having one or more means adapted to be attached to or fixed to a body part of the person, and a second, opposite, surface, the first part having a first absorption coefficient at a predetermined wavelength of electromagnetic radiation,
- providing a second part having a first surface having one or more means adapted to be attached to or fixed to the ostomy bag and a second, opposite, surface, the second part having a second absorption coefficient at the predetermined wavelength of electromagnetic radiation, the first and second absorption coefficients being different,
- positioning the first and second parts so as to abut at one or more zones of the second surface of the second part and of the first part, at least part of one zone being aligned with the attaching/fixing means of the first and second parts, and
- providing electromagnetic radiation, comprising radiation having the predetermined wavelength, through that of the first and second parts having the lowest absorption coefficient to the one or more zones so as to heat the other of the first and second parts at the one or more zones in order to, upon cooling, fix the first and second parts to each other.

2. A method according to claim 1, wherein the first part has a first opening, the second part has a second opening, and wherein the positioning step comprises positioning the first and second parts so that the first and second openings coextend.

3. A method according to claim 2, wherein the step of providing the second part comprises providing a second part where the attaching/fixing means comprise a surface adapted to engage an adhesive part of the ostomy bag, the surface extending to an edge of the second opening and wherein at least one of the one or more zones is positioned in a vicinity of the edge of the second opening.

4. A method according to any of the preceding claims, wherein the step of providing that of the first and second parts having the highest absorption coefficient comprises providing the respective part with:

- a material having the first or second absorption coefficient at least at the one or more zones, and,

- at other parts of the respective part, another material having a third absorption coefficient at the predetermined wavelength.

5. A method according to any of the preceding claims, wherein the predetermined wavelength is determined within the interval of 0.7-6μm.

6. A method according to any of the preceding claims, further comprising, during the step of providing the radiation, maintaining, using a fastening means, the first and second parts in the abutting position, the step of providing the radiation comprising providing the radiation through the fastening means.

7. A body side mounting wafer for attachment to a person and an ostomy bag, the wafer comprising:

- a first part having a first surface adapted to be attached to or fixed to a body part of the person and a second, opposite surface,
- a second part having a first surface adapted to be attached to the ostomy bag and a second, opposite surface,
- one or more welds formed at one or more welding zones between the second surfaces of the first part and the second part, at least one weld zone extending over a first distance in a radial direction,

wherein the first surface of the second part is at least substantially smooth at the at least one weld zone and over a second distance extending over the at least one weld zone, the second distance extending in the radial direction and being at least 1.5 times the first distance.

8. A body side mounting wafer according to claim 7, wherein no 2 mm part of the first surface of the second part, in a cross section along the radial direction and over the second distance, has any part deviating more than 0.2 mm from a flat shape fitted to the 2 mm part.

9. A body side mounting wafer for attachment to a person and an ostomy bag, the wafer comprising:

- a first part having a first surface having one or more surfaces or elements adapted to be attached to or fixed to a body part of the person and a second, opposite surface,
- a second part having a first surface having one or more surfaces or elements adapted to be attached to the ostomy bag and a second, opposite surface,
- one or more welds formed at one or more welding zones between the second surfaces of the first part and the second part,

wherein the one or more surfaces or elements of the first surface of the second part is aligned with at least part of the zones.

10. A body side mounting wafer according to any of claims 7-9, wherein:

- the first part has a first opening,
- the second part has a second opening,
- the zones being positioned in a vicinity of the edge of the second opening.

11. A body side mounting wafer according to claim 9, wherein the attaching/fixing means of the second part are adapted to snap-fit to corresponding means on the ostomy bag.

12. An apparatus for performing the method of any of claims 1-6, the apparatus comprising:

- fastening means for receiving and holding the first and second parts in the abutting relationship and
- means for providing the radiation to the one or more zones.

13. An apparatus according to claim 12, wherein the radiation providing means are adapted to provide the radiation through the fastening means.

14. An apparatus for assembling a body side wafer according to any of claims 7-13, the apparatus comprising:

- fastening means for maintaining the first and second parts in a predetermined, abutting relationship and
- means for providing electromagnetic radiation to the zone(s) to form the weld(s).